

Nov 1980

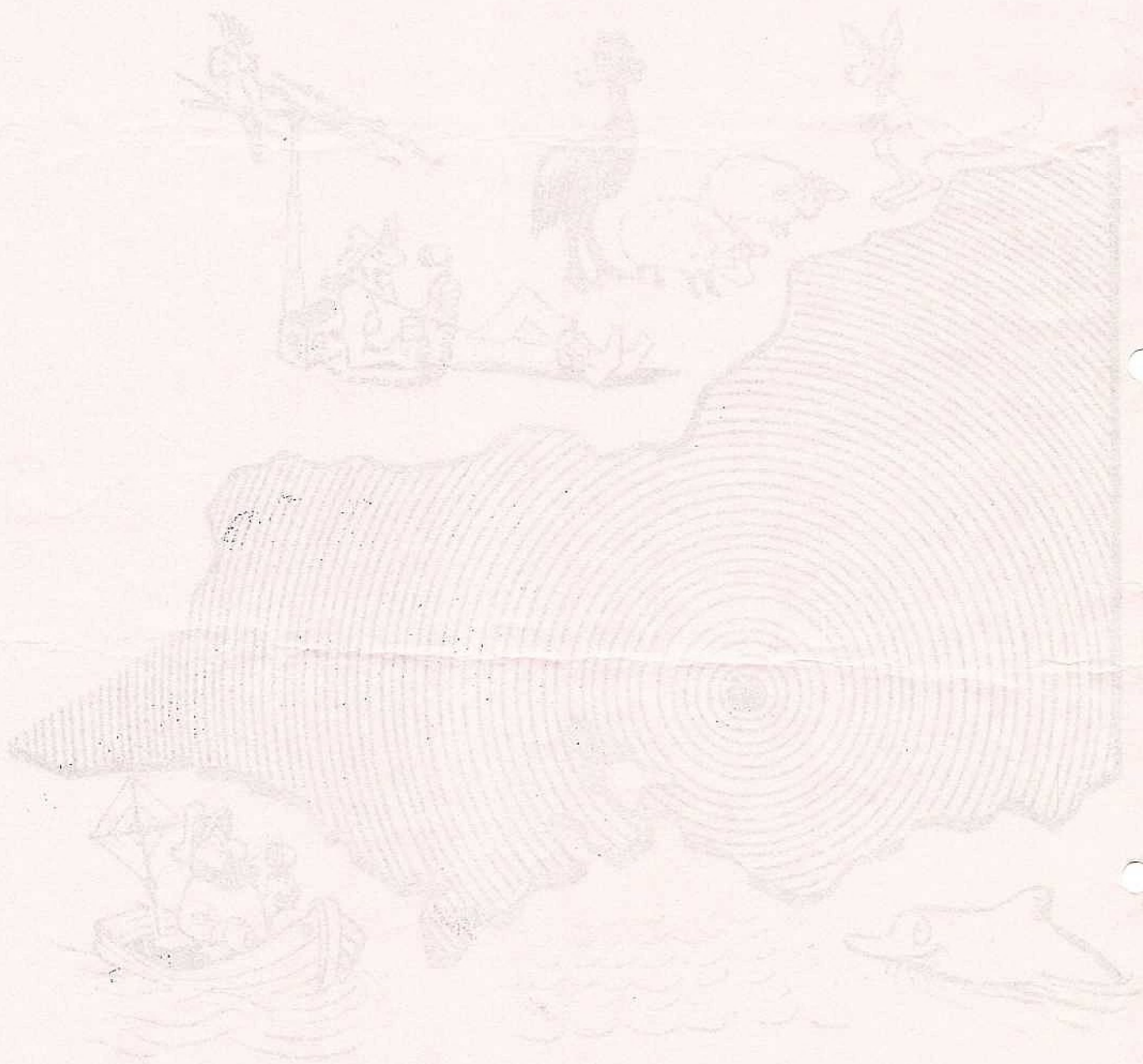
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BARG NEWS



**Monthly Newsletter of the
Ballarat Amateur Radio Group**

BARGE NEWS



Ballarat Amateur Radio Group
Monthly Newsletter of the

EDITORIAL - OCTOBER 1980.

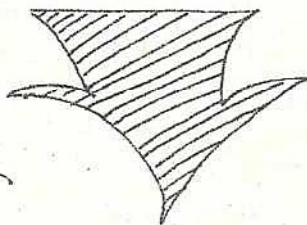
A rather quiet month this October. Perhaps the changing weather or something to that effect. Anyway the only item I have to offer is a news item heard yesterday that ethnic television will start broadcasting on channel 0 and channel 32? (not sure of that) next Friday. (Sure of that but not the date.). Does anyone know more? please let me know if you do.

At long last I can present the article on the antenna filter and splitter. On the subject of articles I have had a request for a transistor B.F.O. suitable for use as an "add on" unit for am. shortwave Rxs etc. Please send me something if you have ideas.

REMEMBER - Personal adds are free so buy, sell or swap something today. (Or next month at least).

Write to me c/- 210 Humphray St. Nth or leave details in an envelope addressed to K. Hughes. leave these envelopes at the Regent Theatre.

- Clem Jarvis.

IMPORTANT.

DXpedition

to

BALLARAT.

Some advance information on preliminary arrangements of a large scale DXpedition by a group of amateurs from Los Angeles to Ballarat, California (USA).

The anticipated dates are 30, 31 Jan and the 1st Feb 81. Their equipment will include a Collins KWM 2A with 500w linear amplifiers for EACH (yes folks) EACH BAND. Ballarat, California was named after Ballarat, Victoria and is now a ghost town near Death Valley.

A certificate, (signed by the mayor), in lieu of a

→ please turn over.

2/.

Dx-pedition (cont).

QSL card is planned to be issued to any station which contacts the USA and any two Australian Ballarat stations.

Therefore, I ask now that all amateurs in Ballarat and those who consider themselves in the Ballarat area to be prepared to operate their station on 30, 31 Jan and the 1st Feb 81 to make the Dx-pedition* groups enthusiasm and effort worth while.

more details as planning progresses

CLARRY KITZELMANN VK3VEZ
Publicity Officer.

For Sales etc. etc. etc......

Shack Sale ☐ FRG 7 ex condition. Very slow drive on VFO - 80.1, Narrow Band Pass Filter fitted. Also fitted with interior battery pack. Ex Maurice Batt Unit. \$240.00 n.o.

Appollo model AP 701. Conv. 10 mtrs. 28.245-28.685 with ± 6 kHz on clarify. 40 channel led. Readout. 20 WATTS output. \$180 n.o.

Phillips Fm 320 excellent condition. 8 mths old, scanner fitted, mobile antenna. Homebase homebrew $\frac{1}{2}$ wave dipole and 50' of RG 58/U. Price \$200.00 n.o.
for details etc. R. Rose (prospective novice) Ph 39-5733.

Wanted - I am still very interested in obtaining at least two C.R.O.s to rebuild for school use. An old chassis suitable for a 5BP1 tube would be excellent.

Any QRE03/12's I could use 6 at least if you have a couple in the junk please let me know.

Wanted - more adds - how about it II. Spend 20¢ and save or make a Fortune.

Wanted - more subscriptions to the mag. Do you know some one who can (could) join the club. Don't delay invite them today.

The monthly meeting for october, for the BARG was held at the Ballarat Community Education Centre on Sunday, 5th of October 1980, with about 35 members being present.

Pres. Dick VU opened the meeting at 9.35 and introduced two visitors from The Geelong Club.

Apologies were received from Dick VSE, Loughlan BPK, Tom YFS and Henri ??? (who!)

Minutes from the last meeting were read and accepted.
Bus. arising:

Brian ZBS mentioned that he had brought the mentioned unit for use in the repeater to the meeting, but was waiting for Xtals to complete the unit properly.

Corresp. out: Only one letter to ARA to inform them of the club's name and office bearers for their club directory.

Corresp. in: A note from the Geelong club regarding their VHF field day, also a western zone newsletter and some bills.

Treas. Rpt: Keith NWN listed several smaller items for noting and the end effect was, that the BARG's current cash balance is \$1152.76, plus \$20 petty cash. Suggested purchase of a 10m and 15m Wulf antenna for field days was put to the meeting and had been approved.

QSL Rpt.: Maurie reported that all was going well, but that, due to the new state QSL mgr. things were a bit slow in getting started.

EDUCATION RPT.: In the absence of Bob BNC, Dick VU stated that the novice course was going along fine, with minor mishaps, alas, and also mentioned that the proposed full-call course was to begin Tuesday 14th Oct. at 7PM at Nth. Tech. No indication of participants' numbers was given.

TECH REPT.: No significant changes, but Trevor was conscripted to fix the beacon (soon).

NEWSLETTER: All under control, but greater participation was still needed by members to make it work well.

AWARDS: Maurie reported that all was going on schedule but urged members to apply (and pay for) the Ballarat Begonia award, to a) put some much needed cash into the kitty and b) to give those who qualify a chance to have something on the wall of the shack apart from centrefolds.

PUBLICITY:

PUBLICITY: Clarrie VEZ had prepared some items for the WIA western zone newsletter, but due to lack of space it had been omitted. Same applies for an item in ARA. He also mentioned the proposed "back-to-Ballarat" (USA) DX-pedition arranged for Jan. 30-31 1981 and urged some participation by the keener members.

GEN. BUSINESS: It was suggested by Dick VU that some Denso tape and compound be re-ordered, since several members had missed out on the last consignment (and had abused poor Dick on the phone for his trouble). (we can't have that sort of thing happen, can't we now?)

He also mentioned a new call, Andrew VVF - welcome! It was then mentioned that in future, there would be a pin-up notice board made available at meetings so that members could place notices about equipment for sale or suchlike news.

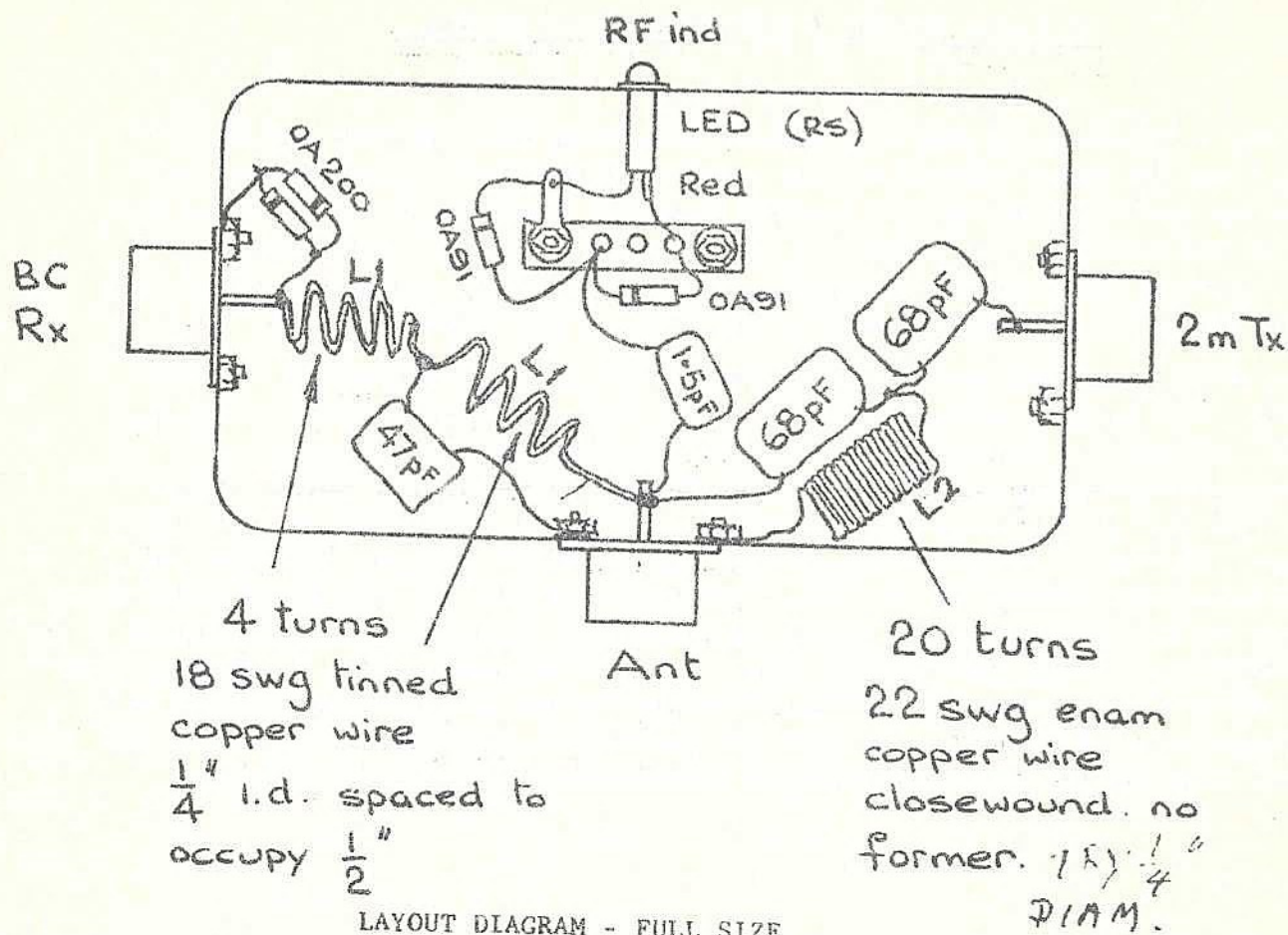
The official part of the meeting closed at 10.07

A final note was, that on Friday Oct. 17th the long awaited video tape "Aerial circus" was to be shown at the Lyons St. RSL rooms (courtesy of Clarrie VEZ) and invitations to all interested parties were issued (verbally).

Peter (?) from the Geelong Club then gave a very interesting talk on how, when and where to DX for the rare ones, without courting instant divorce.

(ED. note:) How about making up a special award for the worst suffering members of the radio fraternity, the wives and/or girl friends of the Hams? We could call it the H.F.W.A. (High frequency widows award) Could be a real money spinner at 2db a pop, for all and sundry. First in, first served.

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AN ARTICAL SUBMITTED BY STAN VK3SE
FROM MOBILE NEWS JAN/FEB 1976

(All we need now is an artical on using your broadcast antenna as a whip for 2 metres, I had my $\frac{1}{4}$ wave whip stolen off my car and this would be an ideal solution.) Editor.

TELL IT LIKE IT ISN'T a glossary of business terms.

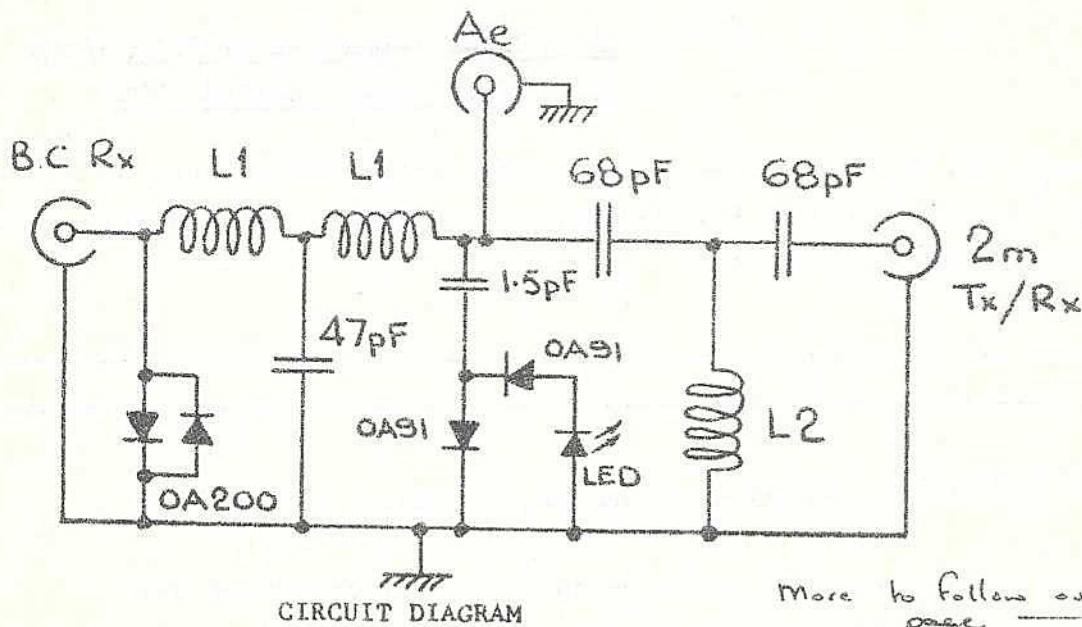
- *Program - Any assignment that can't be completed by one phone call.
- *Under Consideration - Never heard of it.
- *Spell Out - To break big hunks of gobbledygook down into little hunks of gobbledygook.
- *Expert - A person who avoids all the small errors as he sweeps as he sweeps forward to the grand fallacy.
- *Research - Copying from one book is plagiarism; copying from two books is research.

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ANTENNA FILTER & SPLITTER FOR 2 METRES

The device described enables a broadcast receiving set (LW, MW and SW) to operate from the same antenna as that used by a mobile 2 metre transceiver. The two equipments will operate happily from the common aerial provided that it is a series fed one. (i.e. without a matching transformer which places a low frequency shunt path to ground). Most aerials are suitable for this use, including the Antec (Panorama Radio) 5/8 whip, and the 'ZQR special'.

The circuit arrangement and layout is shown on page 127, opposite. A small die-cast box is used to enclose the unit and as a further refinement, a simple LED RF indicator is included. This lights when the transmitter is in operation and indicates that power is transferred from input to output of the filter. The two diodes back-to-back provide a 'last ditch' protection for the broadcast receiver, they may be omitted if desired. The performance of the filter may be checked by observing its insertion loss when reverse connected using the broadcast set and two metre equipment on receive, this loss should be considerable and at least 40 dB. The circuit is mounted under the parcel shelf in the author's car so that the RF indicator is clearly visible. The antenna lead to the 2 metre whip should be as short as possible to avoid a mis-match to the input of the broadcast receiver which is usually a much higher impedance.



More to follow over
page →

③ ④ ⑤ ⑥ ⑦ ⑧

WANTED

- ① Up to 6 or so QQE03/12 valves - new or second hand.
 - ② Any type of xtal suitable for use on 28Mc/s novice band.
- Clem Jarvis.

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HF NOTES FOR SEPTEMBER/OCTOBER 1980

The higher frequency bands have been a little slow in the last month due to several large solar flares, which has tended to make the ionosphere very unpredictable. The 10 meter openings have been very good but they are occurring at unusual times subsequently a lot of people have missed out. Six meters has been very quiet, however this is the time of the year that things begin to happen so don't write of the band yet. There has also been a report that a ZL was heard in Ballarat on 2Mx. Maybe we should keep an eye out there also! The 70 cm beacon is now installed at it's proper location at Mt. Bunningyong so spread the word around. It radiates on 432.450 MHz FSK with a power of 10 w into a pair of crossed dipoles. Please send any reception reports to me----VK3VU & THR.

The following is a summary of what has been happening on the HF bands together with some QSL info you may be missing.....

10 Mx.....

KC6JC	Eastern Carolines	QSL to Catholic mission, Metalanim Ponape EC
9M6BE	Sabah	QSL to VS5TX
VK9ZG	Willis Is.	QSL to VK3OT
HS1AMI	Thailand	QSL to Dept. of Geology Kohn-KAEN University Bangkok
G4YMT	via buro	
P29KM	" "	
9K2ER	via WA3SWH	
S79NLB	QSL to Box 234, Mahe, SEYCHELLES Is.	Indian Ocean

15 Mx.....

TU2UH
F9UW/3A
9Y4LL
UL7QF
A35JL

20 Mx.....

Ce9AL	ST2SA	
M1B	YI1BGD	7X2LS
FR0EVT	CT3AR	HZ1TA
CT2QN	FR0FLO/T	VP8SU
TU2AT	J28CC	FM0FJE
S83T	FR0CGA/T	J6LXZ
UA1PAL	GD3KHE	CE9AH
JY6ZZ	BV2A	YK1AO
HZ1TC	EL2AR	YK1AA
		IM0MIE

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DX Notes cont.

You may notice that the list for 15 Mx is fairly lean. This is not due to the band being in poor condition but simply that I don't normally listen very much on that band. If somebody could help me by letting me know what they have heard or worked then it would be a better service to the other members.

The following is a short list of do's and don'ts when working some of the DX that is always there. It is not a list of rules but is intended to help you.

DO....

- (a) Listen
- (b) Listen some more
- (c) Make sure that you are netted on the DX stations frequency.
- (d) Make sure that you call on his listening frequency if he is working split frequency. If you call on his transmitting frequency the not only will he not hear you, but nobody else will hear him..it makes you very popular!
- (e) Send an SAE together with your IRC's etc. Usually cards without an SAE go to the bottom of the pile to be answered.
- (f) Keep the stamps as plain as possible on your mail because unfortunately not all postal services are as honest as ours. Stamp collectors abound.
- (g) Keep your QSO short (essentials only) if he is busy.
- (h) Keep a log of all QSL information you hear on the bands. Even if you don't work him this time then it may be useful at a later date.

DON'T....

- (a) Call the stations callsign in the pile-up. He already knows his call and is only interested in hearing yours.
- (b) Break in on a list operation. Be there early and get yourself on the list or wait until the control station takes another list. This usually happens 9 times out of 10. This way the DX station can work a lot more stations without the headache of trying to sort out callsigns from a huge pile up. A great many very rare stations will work no other way.
- (c) Call the station if you can't hear him. You would be surprised how many times this happens.

If you follow the guidelines above you will find that working the DX will be a lot easier. Listen on all the usual frequencies even if you are not licenced for them. A lot of information can be gleaned about operations on other bands if you follow the golden rule "listen, listen some more, then listen again"

& 73's and good DXing

DICK VK3VU

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MEMBERSHIP LIST 1980/1981....IS YOUR NAME MISSING?

ANTOSIEWICZ	DICK	VK3VSE
BATT	MAURIE	SWL
BILSTON	CLIFF	SWL
BRUTY	PAUL	VK3BWC
CANNANE	BILL	VK3NVZ
COX	NEIL	VK3NU
COX	IVOR	VK3KY
DENT	DAVID	VK3VQA
ETHERIDGE	RAY	SWL
FORRESTER	DICK	VK3VU
FELSTEAD	MURRAY	VK3AAI
FOLEY	GEOFF	SWL
FOWLER	GEORGE	VK3VEI
GINGELL	PETER	VK3NVJ
GREINER	BILL	SWL
GONINON	KEN	SWL
GEORGE	ANDREW	SWL
GEORGE	TOM	VK3YFS
GRADY	KEITH	VK3NWN
HEKKEMA	HARRY	VK3NLH
HUMPHRIES	JIM	VK3ANH
HILVERTS	HANK	SWL
HUGHES	KEVIN	VK3WN
JOHNSON	RAY	VK3VRJ
JARVIS	CLEM	VK3YDI/NGL
JOHNSON	BILL	SWL
KITZELMAN	CLARRY	VK3VEZ
LANCE	GEORGE	VK3DS
LEE	GORDON	SWL
MAGEE	BARRY	SWL
MORITZ	HENRY	VK3VMO
MCDONALD	CRAIG	VK3VQQ
MCCONNELL	DAVID	VK3YNB
MCPHERSON	LEO	VK3ADT
MCPHERSON	LLOYD	VK3ALM
PRESTIDGE	BOB	SWL
QUICK	FRED	SWL
ROSSER	KEN	SWL
REID	JACK	VK3AJR
ROBINSON	IAN	VK3BTX
SEDDON	PHIL	VK3AQM
SLADE	YVONNE	VK3VON
STEPHENS	G	SWL
STUBBLETY	ALAN	VK3NWW
STARES	BRIAN	VK3ZBS/NVI
SMITH	GEOFF	VK3NLZ
SQUIRES	ANDREW	VK3YQX/VEE
TURNER	ERNIE	VK3YZZ/NIH
TERRILL	BOB	VK3BNC
THOMAS	ERIC	VK3ZL
WATKINS	RON	SWL
WILLIAMS	KEITH	VK3NBN
WOODWARD	ANDREW	VK3VVF

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CLEM.....

THE FOLLOWING ITEMS ARE FOR THE NEWSLETTER. COULD YOU MAKE THEM FAIRLY LARGE SO PEOPLE WILL NOTICE THEM PLEASE.

- (a) DON'T FORGET... THE AUCTION WILL BE HELD ON SUNDAY NOV 2nd BRING ALL THAT SURPLUS GEAR AND LOTS OF MONEY:::::
- (b) "NEWS FLASH".... THE GEELONG AMATEUR RADIO CLUBS CHRISTMAS GET TOGETHER (SEE ARTICLE ELSEWHERE IN THIS ISSUE)
- (c) THE COMMITTEE NEEDS YOUR IDEAS FOR ACTIVITIES NEXT YEAR PLEASE HELP US TO HELP YOU.
- (d) WHAT TYPE OF CHRISTMAS BREAK UP DO YOU WANT.. A BBQ OR DINNER ETC AND WHERE DO YOU WANT IT. BRING SOME FIRM IDEAS ALONG TO THE NOVEMBER MEETING OR IT WILL BE TOO LATE....
- (e) THE LOG BOOKS (G.A.R.C. TYPE) HAVE BEEN ORDERED AND WILL BE HERE WITHIN A MONTH (OR SO IT WAS PROMISED)
- (f) PLEASE BRING ALONG ANYTHING YOU FEEL THAT WILL BE USEFUL FOR THE FIELD DAY EFFORT SO IT CAN BE PLACED IN THE FIELD DAY BOX. IF YOU HAVE SPARE MASTS CO-AX ETC WE WILL BE GLAD TO SEE IT.
- (g) ANYTHING SOLD AT THE AUCTION WILL HAVE 100/o DEDUCTED FROM THE SALE PRICE FOR THE CLUBS COMMISSION.... THANK YOU FOR YOUR DONATION.
- (h) DO YOU WANT THE CLUB TO ORDER CALLBOOKS? IF SO TELL US AT THE NOVEMBER MEETING SO WE CAN GET THEM EARLY (DON'T FORGET THE CHRISTMAS RUSH)



For Sale

2 METRE MOBILE :

Solid state 25 Watt,
6 Channel capacity
Repeater CH. 2,3,8
Simplex 146.00
(ATV Natter Freq.)
\$125:00

QTHR VK3AXH
Tel 41371

SHIBADEN B/W T.V. CAMERA :
Solid State.

\$65.00



QTHR

VK3AXH.

Tel

413717

